



## Time Counter H7ET-N1-B

URL:<https://www.sxplc.com/time-counter-h7et-n1-b>

### Product data sheet

Time counter	Time ranges	Increment (UP)
	Time ranges	0 s to 999 h 59 min 59 s/0.0 min to 9999 h 59.9 min (selectable)
	Set value read selector	±100 ppm (25 °C)
	Minimum signal input width	1 s
	Reset system	External and manual reset
Input	Input signal	Count input, Reset
	Input method	No-voltage input
	No-voltage input (No-contact input)	Short-circuit (ON) impedance: 10 kΩ max. Residual voltage: 0.5 V max. (Actual performance 1.0 V) Open circuit impedance: 750 kΩ min.
Reset time	External reset	20 ms
	Manual reset	20 ms
Display	Display method	LCD
	Digits	7 digit
	Character height	8.6 mm (Black)
	Zero suppression	Equipped
Key protection		Key protect Switch
Ambient temperature (Operating)		-10 to 55 °C (with no freezing or condensation)
Ambient temperature (Storage)		-25 to 65 °C (with no freezing or condensation)
Ambient humidity (Operating)		25 to 85 %
Insulation resistance		Between current carrying terminals and exposed non-current carrying metal parts: 100 MΩ min. (at 500 VDC)
Dielectric withstand voltage		Between current carrying terminals and exposed non-current carrying metal parts: 1000 VAC 50/60 Hz 1 min
Impulse withstand voltage		Between current carrying terminals and exposed non-current carrying metal parts: 4.5 kV
Noise immunity		Between reset terminals: ±500 V Between timer input terminals: ±500 V square-wave noise by noise simulator (pulse width: 100 ns/1 μs, 1-ns rise)
Static immunity		±8 kV (malfunction)
Vibration resistance		Destruction: 10 to 55 Hz, 0.375 mm single amplitude each in 3 directions for 2 h Malfunction: 10 to 55 Hz, 0.15 mm single amplitude each in 3 directions for 10 min
Shock resistance		Destruction: 300 m/s <sup>2</sup> , 3 times each in 6 directions Malfunction: 200 m/s <sup>2</sup> , 3 times each in 6 directions
Degree of protection		Case front: IP66, NEMA 4 (indoors), and UL Type 4X (indoors)
External input terminal		Screw terminal
Case color		Black (Munsell N1.5)

